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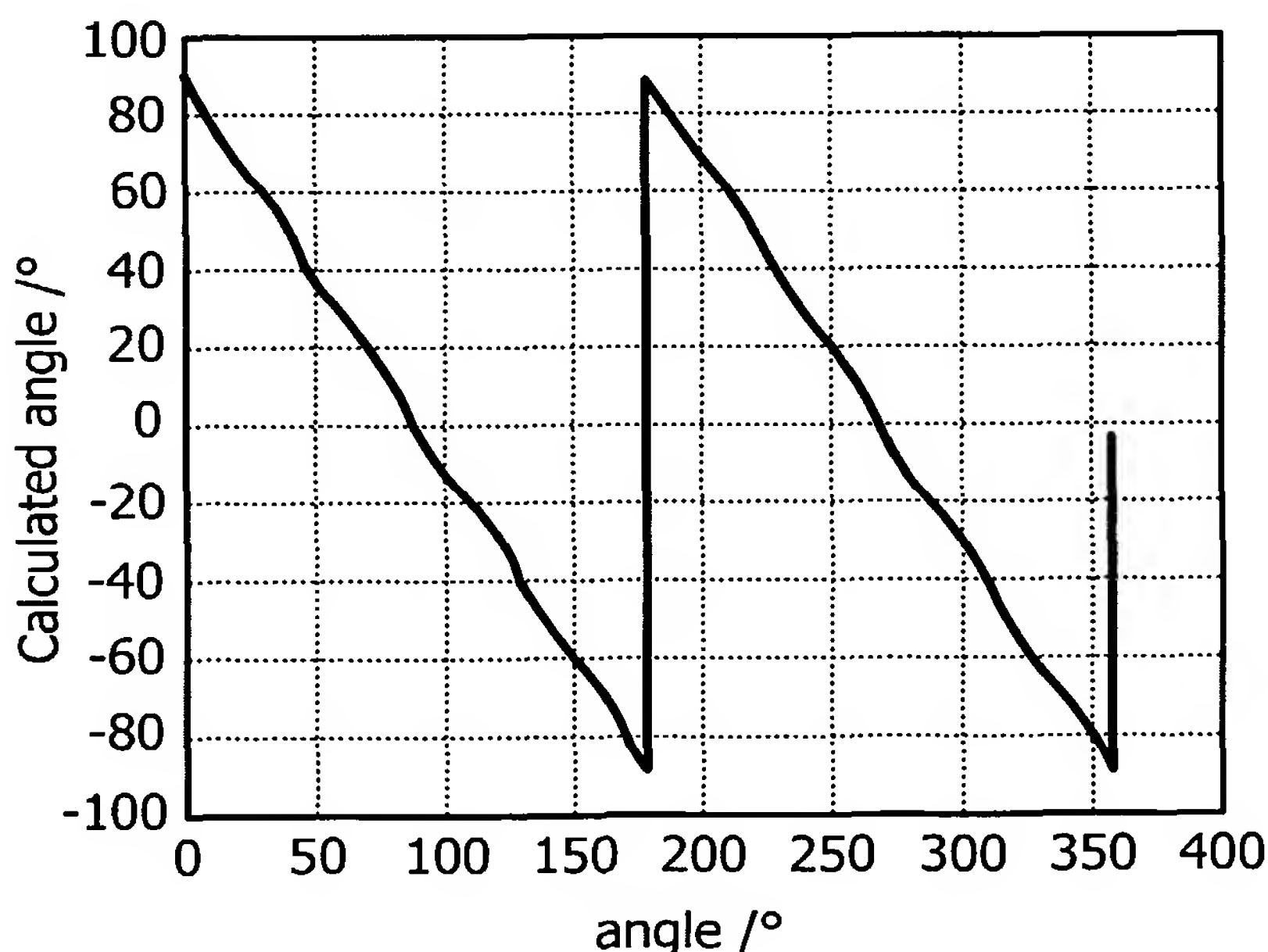
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(54) Title: METHOD OF DETERMINING ANGLES



(57) Abstract: In order to provide a method of determining an angle α of an external magnetic field relative to a magnetoresistive angle sensor with two full bridges which respectively supply an output signal $U_1 = U_0 \sin(2\alpha)$, $U_2 = U_0 \cos(2\alpha)$, wherein the angle determination can be carried out using simple electronic components, it is proposed that the angle α is determined in an analog manner using the relation $\alpha = \frac{1}{2} * (U_1 / (U_1 + U_2)) - 1 * \text{sgn}(U_2)$.

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